

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference AL2006-012	FOR FURTHER ACTION <small>see Form PCT/ISA/220 as well as, where applicable, item 5 below.</small>	
International application No. PCT/US2006/022254	International filing date (day/month/year) 08/06/2006	(Earliest) Priority Date (day/month/year) 08/06/2005
Applicant SHER, Philip Michael		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of:

- ☒ the international application in the language in which it was filed
☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box No. II)

3. ☐ **Unity of invention is lacking** (see Box No. III)

4. With regard to the **title**,

- ☐ the text is approved as submitted by the applicant
☒ the text has been established by this Authority to read as follows:

FLUCTUATING BLOOD GLUCOSE NOTIFICATION THRESHOLD PROFILES AND METHODS OF USE

5. With regard to the **abstract**,

- ☒ the text is approved as submitted by the applicant
☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. 1B

- ☒ as suggested by the applicant
☐ as selected by this Authority, because the applicant failed to suggest a figure
☐ as selected by this Authority, because this figure better characterizes the invention

b. ☐ none of the figures is to be published with the abstract

A. CLASSIFICATION OF SUBJECT MATTER
INV. A61B5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A61B C12Q G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2005/038332 A1 (SAIDARA FRANK [US] ET AL) 17 February 2005 (2005-02-17) abstract; figure 1A paragraphs [0022], [0030], [0068], [0090] - [0094], [0099], [0105], [0115], [0117], [0119], [0138], [0182], [0183], [0185] -----	1-36
X	US 2003/125612 A1 (FOX JAMES KELLY [US] ET AL) 3 July 2003 (2003-07-03) abstract paragraphs [0014], [0022], [0023], [0010] - [0071], [0086], [0088], [0102], [0107], [0108] ----- -/--	1-4,7,8, 13-16, 19,20, 25-28, 31,32



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

I later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

20 March 2007

Date of mailing of the international search report

30/03/2007

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INTERNATIONAL SEARCH REPORT

International application No

PCT/US2006/022254

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/137423 A1 (AL-ALI AMMAR [US]) 24 July 2003 (2003-07-24) abstract; figure 6A paragraphs [0004], [0021], [0022], [0027] -----	1-3, 7, 13, 14, 16, 25, 26, 28
A	US 2003/108976 A1 (BRAIG JAMES R [US] ET AL) 12 June 2003 (2003-06-12) abstract paragraphs [0007], [0012], [0014], [0017] -----	1, 13, 25
A	US 2005/090726 A1 (ACKERMAN NEIL [US]) 28 April 2005 (2005-04-28) abstract paragraphs [0008], [0010] -----	1, 13, 25

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2006/022254

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2005038332	A1	17-02-2005	NONE	
US 2003125612	A1	03-07-2003	AU 2002360634 A1	24-07-2003
			EP 1460931 A2	29-09-2004
			WO 03057027 A2	17-07-2003
			US 2005027182 A1	03-02-2005
			US 2005113653 A1	26-05-2005
			US 2005096511 A1	05-05-2005
			US 2005096512 A1	05-05-2005
US 2003137423	A1	24-07-2003	US 2005083193 A1	21-04-2005
US 2003108976	A1	12-06-2003	NONE	
US 2005090726	A1	28-04-2005	WO 0218936 A2	07-03-2002
			US 2003208114 A1	06-11-2003
			US 2002026111 A1	28-02-2002
			US 2005124874 A1	09-06-2005